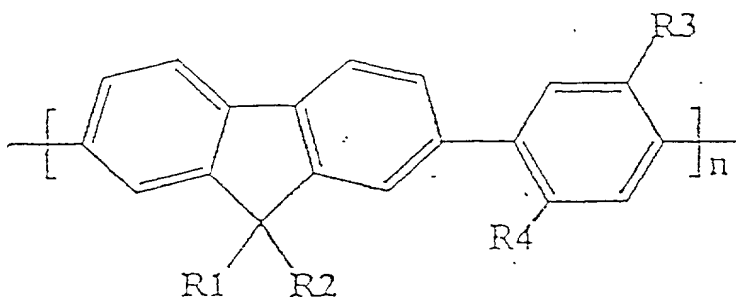


ABSTRACT

Title: Blue Electroluminescent Materials for Polymer Light-Emitting Diodes

A polymeric material comprising alternate substituted fluorene and phenylene units, as represented by the following formula



wherein R_1 , R_2 , R_3 and R_4 , which may be identical or different, are each selected from the group consisting of H, a ($C_1 - C_{22}$) linear or branched alkyl, alkoxy or oligo (oxyethylene) group, a ($C_6 - C_{30}$) cycloalkyl group, and an unsubstituted or substituted aryl group, and n is from about 3 to about 5000.

FIGURE 1